Amendments to the Claims:

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of the Claims:

1. (Currently Amended) A system comprising:

A processing unit;

A memory device;

A network interconnection;

A first unit to process an inquiry for data from a peer node, obtain the requested data from a second peer node, transcode the data before transmitting the data to the peer node, wherein the transcoding includes converting the data into a format that can be processed by the peer node, and transmitting the data to the peer node in a transport specification as requested by the peer node.

2. (Original) The system of claim 1, wherein the transport specification is specified by an application at the peer node.

3. (Original) The system of claim 1, wherein the inquiry includes a user-specified query generated at the peer node.

4. (Original) The system of claim 3, wherein the user-specified query includes a reference to a content of the requested data, and the system includes a content specific query handler to locate the requested data.

5. (Original) The system of claim 1, wherein the application at the peer node specifies the transport specification.

6. (Original) The system of claim 1, wherein the data is transcoded into a format requested by the peer service layer of the peer node.

7. (Original) The system of claim 1, wherein the system includes a programmatic access for applications to a peer-to-peer service layer.

8. (Original) The system of claim 1, wherein the data includes multimedia data.

9. (Original) The system of claim 1, wherein the peer node is a wireless device and an application support handler included at the system adjusts delivery of the data to a status of the peer node.

10. (Cancelled)

11. (Currently Amended) The system of claim 1~~1~~, wherein the system receives the data from the second peer node after the second peer node has transcoded the data.

12. (Original) The system of claim 1, wherein a peer service layer at the peer node specifies the transport specification in the request for data.

13. (Original) The system of claim 1, wherein the data is transcoded in response to a status of a network connection between the system and the peer node.

14. (Currently Amended) A method comprising:

A first peer node receiving an inquiry for data from a second peer node;

The first peer node obtaining the requested data from a third peer node

The first peer node transcoding the data before transmitting the data to the second peer node, wherein the transcoding includes converting the data into a format that can be processed by the second peer node and

transmitting the data to the second peer node in a transport specification as requested by the second peer node.

15. (Original) The method of claim 14, wherein the transport specification is specified by an application at the second node.

16. (Original) The method of claim 14, wherein the inquiry includes a user-specified query generated at the second node.

17. (Original) The method of claim 16, wherein the user-specified query includes a reference to a content of the requested data, and the first peer node includes a content specific query handler to locate the requested data.

18. (Original) The method of claim 14, wherein the application at the second peer node specifies the transport specification to a peer service layer at the second peer node.

19. (Original) The method of claim 14, wherein the data is transcoded into a format requested by the peer service layer of the second peer node.

20. (Original) The method of claim 14, wherein the second node includes a programmatic access to the peer-to-peer service layer.

21. (Original) The method of claim 14, wherein the data includes multimedia data.

22. (Original) The method of claim 14, wherein the second node is a wireless device and an application support handler at the first node adjust delivery of the data to a mobile location of the second node.

23. (Original) The method of claim 14, wherein a peer service layer is included at the second node to provide system-level service below an operating system of the second node.

24. (Cancelled)

25. (Currently Amended) The method of claim ~~2~~1~~4~~, wherein the third node transcodes the data prior to transmitting the data to the first node.

26. (Original) The method of claim 14, wherein a peer service layer at the second peer node specifies the transport specification.

27. (Original) The method of claim 14, wherein the data is transcoded in response to a status of a network connection between the first peer node and the second peer node.

28. (Original) The method of claim 14, further including the second node transcoding the data after receiving the data from the first node, wherein the transcoding includes converting the data into a format that can be processed by the second peer node.

29. (Currently Amended) An article comprising a computer-readable medium which stores computer-executable instructions, the instructions causing a first peer node to:

A first peer node receiving an inquiry for data from a second peer node;

The first peer node obtaining the requested data from a third peer node

The first peer node transcoding the data before transmitting the data to the second peer node, wherein the transcoding includes converting the data into a format that can be processed by the second peer node and

transmitting the data to the second peer node in a transport specification as requested by the second peer node.

30. (Original) The article of claim 29, wherein the transport specification is specified by an application at the second node.

31. (Original) The article of claim 29, wherein the inquiry includes a user-specified query generated at the second node.

32. (Original) The article of claim 31, wherein the user-specified query includes a reference to a content of the requested data, and the first peer node includes a content specific query handler to locate the requested data.

33. (Original) The article of claim 29, wherein the second and first peer nodes include tables mapping user-defined names or metadata references to Globally Unique Identifiers identifying data stored within a network of peer-to-peer nodes.

34. (Original) The article of claim 29, wherein the application at the second peer node specifies the transport specification to a peer service layer at the second peer node.

35. (Original) The article of claim 29, wherein the data is transcoded into a format requested by the peer service layer of the second peer node.

36. (Original) The article of claim 29, wherein the second node includes programmatic access to the peer-to-peer service layer.

37. (Original) The article of claim 29, wherein the data includes multimedia data.

38. (Original) The article of claim 29, wherein the second node is a wireless device and an application support handler at the first node adjust delivery of the data to a mobile location of the second node.

39. (Cancelled)

40. (Currently Amended) The article of claim 329, wherein a peer service layer at the second peer node specifies the transport specification.

41. (Original) The article of claim 41, wherein the data is transcoded in response to a status of a network connection between the first peer node and the second peer node.